

MONTANA VETERINARY DIAGNOSTIC LABORATORY

FEE SCHEDULE EFFECTIVE - - - 9-01-06

General Information

A mission of the Diagnostic Laboratory is to serve the livestock industry and the veterinary practitioner in the diagnosis of animal and zoonotic diseases. In order to provide this service, it is essential that the correct specimens be obtained and be properly handled and transported while enroute to the laboratory. The laboratory staff is available to answer any questions pertaining to diagnostic and regulatory testing.

Supplies

Diagnostic kits with instructions are available for specimen submissions of biopsies, general necropsies, abortions and neonatal diarrheas. In addition, blood tube and slide shippers for clinical pathology submissions, large styrofoam shippers, culturettes, and various types of transport media are available.

Submission Forms

Results of tests and examinations performed by the laboratory must be evaluated in conjunction with clinical signs, management practices and environmental factors. Comprehensive histories, signalments and epidemiologic information is helpful to laboratory personnel in determining which tests are to be performed and the significance of the results obtained. The laboratory submission form allows the submitter to provide all the above information in addition to the requested tests to be performed.

Laboratory Submission Forms SV2A and SV2B are to be used for all regulatory and diagnostic serology for livestock **except** when testing for Equine Infectious Anemia when the Federal VS Form 10-11 should be completed. Form SV43 should be used for all other submissions.

Referral Submissions/Mailing costs/Minimum Laboratory fee

The Laboratory will forward samples to outside laboratories for tests that are not presently performed in-house. The referral laboratory testing fees, mailing costs and a handling fee (\$6.00) will be billed. Contact the laboratory for availability and cost of referral tests.

All submissions must have shipping costs or postage pre-paid. The laboratory will not accept "collect-on-delivery" shipments.

Mailing costs incurred by the laboratory will be billed to the submitter.

The minimum laboratory fee is **\$6.00**. A 50% surcharge will be accessed for tests conducted on non-resident animals.

Fees and tests provided are subject to change.

Billing Policy

A 1.5% monthly interest rate will be charged on accounts over 30 days. Any account 90 days delinquent will be discontinued until the entire payment is received. Extenuating fiscal circumstances will be considered upon request and requests must be approved by the Board of Livestock.

Livestock Abortion Studies: includes histopathology and aerobic, <i>Brucella</i> , <i>Campylobacter</i> , <i>Trichomonas</i> cultures and darkfield examination.	
(Use Abortion Kits. Instructions and SV43 form provided)	\$35.00
Bacteriology: (Specify culture site/specimen; use SV43 form)	
Aerobic culture (refrigerated specimen/Culturette)	
Identification one isolate	\$13.00
Additional isolates	\$4.00 each
Anaerobic culture (facultative; use anaerobic Culturette)	\$14.00
Antibiotic sensitivity (per isolate)	\$ 7.00
<i>Campylobacter</i> (for livestock reproductive disease-preputial wash, fetal membranes, fetal abomasal fluid; campy transport media required)	\$10.50
<i>Campylobacter</i> (intestinal contents)	\$10.50
Chlamydial ELISA (moistened swab; fresh, affected tissue; placenta)	\$17.00
<i>Clostridium</i> FA (fresh, refrigerated tissue from affected site)	\$10.50
<i>Clostridium perfringens</i> genotyping (fresh small intestinal contents; colony of isolate)	referral
Dermatophyte culture and PAS stain (skin scraping including hair)	\$23.00
Direct microscopy	\$7.00
<i>E. coli</i> K-99 Latex Agglutination (intestinal contents)	\$11.00
Mycoplasma culture (fresh tissue, milk or Culturette)	\$12.00
Non-dermatophyte fungal culture (fresh specimen)	\$19.00
Special requests	contact laboratory
<i>Trichomonas</i> culture (preputial wash, uterine discharge, fetal abomasal fluid; do NOT freeze or refrigerate)	\$5.00

Clinical Pathology (use SV43 form)..... See page 5

Cytology: (see clinical pathology use SV43 form)

Histology: (10% formalin fixed tissue; use SV43 form)

1-3 slides (one biopsy only)	\$26.00
4-6 slides	\$32.00
7-10 slides	\$38.00
11 or greater	\$42.00
Duplicate H&E	\$9.00
Immunohistochemistry	\$23.00
Special stains	\$8.00

Milk Testing (SV43 form)

Added water	\$3.00
Antibiotic (Charm testing, cost range for antibiotic tested)	\$12.00-23.00
Brucella Ring test	\$2.00
Coliform (milk or water)	\$5.00
Component (butterfat)	\$1.00
Gerber (ice cream fat)	\$3.00
Listeria culture	\$32.00
Majonnier (cheese and cottage cheese fat)	\$12.50
Pesticide (organophosphate and carbamates)	\$24.00 minimum
Pesticide (chlorinated hydrocarbons)	\$210.00
Phosphatase (pasteurization)	\$6.00
Somatic cell count (direct microscopy)	\$5.00
Somatic cell count (electronic)	\$1.00
Standard plate count / PI count	\$5.50
Yeast and Mold	\$5.00
Laboratory Certification Review	contact laboratory

Miscellaneous Tests and Special Requests (use SV43 form)

Bovine IgG ₁ (0.5 cc serum)	\$12.00
Equine IgG ₁ (0.5 cc serum)	\$12.50
Ocular Nitrate (0.5 cc aqueous humor)	\$12.00

Duplicate test result reporting (fax and mail)	\$2.00
After hour fee (pathologist)	\$50.00
Stat fee (defined as immediate testing required, clinical pathology only)	\$15.00
Minimum laboratory fee	\$6.00

Referral testing: fee of referral laboratory testing, shipping fee and \$6.00 handling fee

Necropsy: Includes gross examination, histopathology and cultures (per pathologists discretion). Prices do not include carcass disposal. See fees below. **Contact laboratory for procedural instructions. Euthanasia must be performed at animal departure point unless recommended otherwise by pathologist.**
(Use SV43 form and provide complete history)

Cattle and Horses (routine)

Fetus	\$ 55.00
<150lbs.....	\$ 72.00
150-500lbs.....	\$ 90.00
>500lbs.....	\$130.00

Sheep and Goats

Fetus/es (same dam)	\$ 55.00
<20lbs.....	\$ 55.00
>20lbs.....	\$ 72.00

Swine

Fetus/es (same litter)	\$ 55.00
<25 lbs.....	\$ 55.00
25-250 lbs.....	\$ 72.00
>250 lbs.....	\$ 90.00

Dogs and Cats

Other species

Carcass disposal..... Companion animals

Livestock..... \$ 25.00 to \$85.00
\$ 20.00/100 wt.

(Generally included for legitimate diagnostic cases. Abuse of this convenience will result in carcass disposal fee.)

Insurance and legal cases..... contact laboratory...\$125.00/hour

Research..... contact laboratory

Spinal cord removal (in addition to above necropsy fee)

Transmissible Encephalopathies	\$45.00 to \$80.00
Necropsies	\$125.00 minimum
Brain removal.....	\$30.00 minimum
IHC and ELISA testing	referral fees plus shipping & handling

Neonatal Diarrhea Studies (Kits): Includes histopathology, routine bacteriology and, as history and age

of animal dictate, additional testing for *E. coli* K99 (LA), viral agents (EM), cryptosporidiosis,
endoparasitism and IgG₁ level determination.

(Use SV43 form and instructions provided with kit)..... \$75.00

Parasitology: (use SV43 form)

Adult parasite or arthropod identification (referral)	\$25.00
<i>Cryptosporidiosis</i> exam (1 gm. feces)	\$6.00
<i>Dirofilaria immitis</i> (heartworm) ELISA screening (1 cc serum).....	\$8.00
Confirmation (1 cc serum)	\$12.50
Fecal flotation (3 gm fresh feces)	\$9.00
<i>Giardia</i> ELISA; feces.....	\$25.00
Special parasite ID procedures	contact laboratory

PCR TESTING: contact laboratory

Rabies: (use SV43 form)

Submit entire brain or head in refrigerated, fresh state. Do not submit live animals.

Coincide specimen arrival with laboratory working hours.

FA examination (small animal)

\$ 25.00

FA examination (large animal).....

\$ 50.00

Carcass disposal (does not apply to bats)

see carcass disposal

Serology (Large Animal): use SV2A for all below except EIA
 use Federal VS10-11 form for EIA

Note: 5cc blood in red top tube yields approximately 1.5cc serum

Anaplasmosis (cELISA; 0.5cc serum required).....	\$7.00
Avian Influenza (AGID; 0.5cc serum) <10	\$5.00
10 - 24	4.30
25 - 49	2.50
> 50	1.00
Bluetongue (AGID; 0.5cc serum).....	\$5.00
Bluetongue (cELISA; 0.5cc serum).....	\$7.50
Bovine Leukemia Virus (ELISA; 1cc serum).....	\$6.00
Bovine Respiratory Syncytial Virus (SN; 1cc serum)	contact lab
Bovine Virus Diarrhea Type 1 and 2 (SN; 1cc serum).....	\$12.00
Bovine Virus Diarrhea (ELISA; 1cc serum or ½ sq. inch ear notch)	\$5.00
(calves under 3 months ear notch only)	
>100 samples (each sample)	\$4.00
<i>Brucella abortus</i> (1.5cc serum for series; No charge for slaughter samples	
Card, BAPA, or FP (each).....	\$1.00
CF, Rivanol, SPT, or STT (each)	\$2.00
<i>Brucella ovis</i> (ELISA, CF; 1cc serum).....	\$7.00
Epizootic Hemorrhagic Disease (AGID, 0.5cc serum).....	\$10.00
Equine Infectious Anemia (AGID {Coggins}; 1cc serum)	\$7.00
16 - 50	5.50
> 50	4.50
Equine Infectious Anemia (ELISA; 1cc serum)	\$12.50
Infectious Bovine Rhinotracheitis (SN; 1cc serum)	\$6.00
Johne's (Paratuberculosis, AGID; 0.5cc serum).....	\$10.00
Johne's (Paratuberculosis, ELISA; 1cc serum)	\$7.00
Johne's (Paratuberculosis, CF)	referral
Leptospirosis (8 routine serovars-L. aut., L. bra., L.can., L grp., L har., L. ict., L. pom, L. tara., : MAT; 1cc serum)	\$6.50
Ovine Progressive Pneumonia/Caprine Arthritis Encephalitis (AGID; 1cc serum).....	\$5.00
Parainfluenza-3 (HAI; 1cc serum).....	contact lab
Pseudorabies (SN, LA; 1cc serum).....	\$5.00
<i>Salmonella pullorum</i> (MAT; 0.5cc serum).....	\$4.00
Vesicular stomatitis (CF, 1cc serum).....	referral
Vesicular stomatitis -New Jersey and Indiana (SN; 1cc serum).....	\$12.00
West Nile Virus (IgM ELISA; 1cc serum)May - October.....	\$8.00
November – April.....	referral

Serology (Small Animal) use SV43 form:

Brucella canis (Card; 0.5cc serum).....	\$20.00
Feline Infectious Peritonitis (ELISA; 0.5cc serum).....	\$23.00
Feline Leukemia Virus (ELISA; 0.5cc serum)	\$14.00
Feline Leukemia/Feline Immunodeficiency Virus (ELISA; 0.5cc serum)	\$23.00

Toxicology (referral to outside contact laboratory)

Virology: (use SV43 form)

Bovine Virus Diarrhea (see above under serology) (USE SV2A Serology Form)	
Canine Parvovirus (ELISA; feces)	\$20.00
Electron Microscopy (where applicable)	\$25.00
Fluorescent Antibody Testing	
(BRSV, BVD, Bovine coronavirus, EHV-1, IBR, <i>Leptospira</i> , or PI-3)	\$6.00/agent
Virus isolation (livestock only)	\$20.00/virus

**DEPARTMENT OF LIVESTOCK
VETERINARY DIAGNOSTIC LABORATORY**

HOURS: 8:00AM-12:00PM; 1:00PM-5:00PM
 MONDAY THRU FRIDAY (EXCEPT HOLIDAYS)

TELEPHONE: 406-994-4885
FAX NUMBER: 406-994-6344
WEBSITE: <http://mt.gov/liv>

MAILING ADDRESSES:

**SHIPMENTS OF ALL SPECIMENS MUST MEET US GOVERNMENT
PACKAGING REQUIREMENTS FOR DIAGNOSTIC SAMPLES.
CONTACT COURIER OR THE LABORATORY FOR DETAILS.**

United States Postal Service

Montana Veterinary Diagnostic Laboratory
P. O. Box 997
Bozeman, Montana 59771-0997

Street Address

Montana Veterinary Diagnostic Laboratory
South 19th and Lincoln
Bozeman, Montana 59718

LOCATION OF THE LABORATORY

The laboratory is located on the campus of Montana State University in the Marsh Laboratory on the northwest corner of South 19th and Lincoln Street.